

**MACHINE READABLE MEDIUM AND METHOD FOR DETERMINING
FEATURE-RELATING TOLERANCE ZONE DIAMETER**

ABSTRACT OF THE DISCLOSURE

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A machine readable medium and a method are disclosed that determine whether a pattern of manufactured or simulated features violates a feature relating tolerance and determines acceptability of the pattern. Allowable tolerance may include feature relating tolerances and material conditions.

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Manufactured centers are drawn relative to a one true position. A circle drawn through or outside the manufactured centers is used to determine if there is feature relating tolerance violation. Material condition may also be used.